

1. (Amended) An free-piston internal combustion engine having at least one pair of longitudinal opposed cylinders with electricity generating stator means fixed relative thereto, respective pistons arranged in said cylinders for cycles of reciprocating compression and power strokes, inlet valve means for introducing air or a fuel mixture into said cylinders prior to said compression stroke, outlet valve means for the expulsion of exhaust gas following said power stroke and said pistons being linked together with a linear actuator for movement therewith whereby during operation of said engine the reciprocating strokes of said pistons and linear actuator with respect to said stator means generates usable electrical energy and said inlet valve means being located in said pistons and comprising a portion of the heads thereof.